

**Post Doc in Urban Intelligence and Complex Networks
Texas A&M University - College Station**

Direct Link: <https://www.AcademicKeys.com/r?job=141526>

Downloaded On: Aug. 12, 2020 12:01pm

Posted Apr. 25, 2020, set to expire Aug. 25, 2020

Job Title	Post Doc in Urban Intelligence and Complex Networks
Department	Engineering
Institution	Texas A&M University - College Station College Station, Texas
Date Posted	Apr. 25, 2020
Application Deadline	Until the position is filled
Position Start Date	Flexible
Job Categories	Post-Doc
Academic Field(s)	Physics - General Mathematics/Applied Mathematics Computer/Information Sciences
Job Website	https://www.urbanresilience-lab.com/
Apply By Email	mostafavi@tamu.edu

Job Description

Overview: We invite applications for an Interdisciplinary Postdoctoral Research Associate Position in Urban Intelligence and Complex Networks. The selected candidate will engage in multiple interdisciplinary research projects related to harnessing urban big data in modeling and understanding network dynamics in complex interconnected social, physical, and engineered networks in the context of emergencies (e.g., flooding, wildfire, and pandemics).

Required Qualifications: We welcome applications from various related disciplines such as network science, data science, intelligent systems, applied mathematics, system engineering, operations research, and civil engineering. We seek candidates with the following qualifications:

1. Proficiency in Python (or other programming skills) and libraries for data processing and analytics
2. Understanding of theoretical and mathematical foundations of temporal and multiplex networks

Post Doc in Urban Intelligence and Complex Networks Texas A&M University - College Station

Direct Link: <https://www.AcademicKeys.com/r?job=141526>

Downloaded On: Aug. 12, 2020 12:01pm

Posted Apr. 25, 2020, set to expire Aug. 25, 2020

3. Experience in data analytics and machine learning/deep learning on networks
4. Strong oral and written communication in English
5. Excellent collaborative and interpersonal skills

Features of the Position: The position offers exciting opportunities for academic training and professional development such as:

- Participating in multiple interdisciplinary research projects from various research sponsors
- Working with and mentoring a large group of graduate students in civil engineering and computer science
- International collaborations with leading researchers in the field from universities in Europe and Asia
- Collaboration with industry partners
- Working with interdisciplinary researchers from various Texas A&M research centers and institutes such as: Texas A&M Engineering Experiment Station, Data Science Institute, Hazards and Disaster Recovery Center, Center for Infrastructure Renewal, and Texas A&M Transportation Institute
- Opportunities to participate in grant writing
- Conference travel and other professional development support

Position Duration and Salary: This position is for two years with an initial appointment for one year (12 months) and renewal upon satisfactory performance. The start date is flexible (preferred not to be later than September 2020). Competitive salary is supplemented with fringe and benefits.

How to apply: Submit a letter of application with the following documents (as a single PDF file) to Dr. Ali Mostafavi: mostafavi@tamu.edu.

- Updated CV
- Research statement (maximum 3 pages)
- Copies of two representative scientific manuscripts
- Names and contact information of two references

Review of applications begins immediately and continue until the position is filled.

EEO/AA Policy

The Texas A&M University System shall provide equal opportunity for employment to all persons regardless of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation or gender identity and will strive to achieve full and equal employment opportunity through the System for faculty and staff employees. Additionally, we must ensure employees know University and System policies and procedures. Furthermore, we need to encourage

Post Doc in Urban Intelligence and Complex Networks
Texas A&M University - College Station

Direct Link: <https://www.AcademicKeys.com/r?job=141526>

Downloaded On: Aug. 12, 2020 12:01pm

Posted Apr. 25, 2020, set to expire Aug. 25, 2020

and foster a workplace community where individuals are valued for their diverse backgrounds and differences.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Prof.Ali Mostafavi
Civil Engineering
Texas A&M University
College Station, TX 77843

Contact E-mail mostafavi@tamu.edu